

AMENDMENTS

IN THE CLAIMS:

*1-24*  
Claims ~~1-32~~ (Canceled without prejudice).

*25-47*  
Add new claims ~~33-55~~, as follows:

*25*  
~~33~~. (New) A method for real time mobile commerce transactions comprising  
a mobile device,  
means for wired or wireless communication of voice and data,  
a central server and a network server,  
means for communication of voice and data between the mobile device and one or more servers  
including a central server and a network server,  
means for selecting one or more transaction requests including information search, information  
acquirement, information comparison, price, price comparison, transaction instructions and  
transaction execution,  
means for sending the selected transaction request from the mobile device to the central server  
utilizing a plurality of methods including  
keyboard , audible , speech, data, visual display and touch screen enabled display panel formats,  
means for the central server to query one or more other servers such as the network server,  
relating to the selected transaction request,  
means for receiving a response by the central server to the selected transaction request from one  
or more other servers such as the network server,  
means for processing and formatting of the response by the central server,  
means for delivering a response to the mobile device by the central server in the selected format,  
means for receiving the response by the mobile device in one or more formats, including audible,  
speech, data, visual display and touch screen enabled display panel formats,  
means for utilizing the built-in processing power and capabilities of the mobile device in a  
standalone manner for mobile commerce, including  
means for utilizing the processing power and capabilities of the central server for mobile  
commerce in conjunction with the processing power and capabilities of the mobile device,

*Claims Renumbered  
Rule 126 Jan 4/2004*

*32*

means for utilizing the transaction request and the transaction response information for the selected transaction at the selected time and in the selected manner.

<sup>26</sup>  
~~34~~ (New) A method for real time mobile commerce transactions of claim <sup>25</sup>~~33~~ comprising  
means for sending a direct transaction request by the mobile device to a network server,  
means for receiving a direct response from the network server by the mobile device,  
means for conducting mobile commerce transactions utilizing the processing power, databases,  
lookup tables and storage capabilities of the mobile device acting in a standalone manner,  
including  
means for conducting mobile commerce transactions utilizing the processing power, databases,  
lookup tables and storage capabilities of the network server in conjunction with the mobile device.

<sup>27</sup>  
~~35~~ (New) A real time personal purchasing transaction system of claim <sup>25</sup>~~33~~ comprising  
means for configuring the mobile device in a stand alone manner for price comparison and mobile  
commerce including,  
means for configuring the mobile device for price comparison and mobile commerce in  
conjunction with one or more servers,  
means for price comparison and mobile commerce utilizing different types and configurations of  
mobile devices, including  
an intelligent keyboard type mobile device with central portable compute, command and control  
functions,  
a cellular telephone type mobile device,  
a personal digital assistant type mobile device,  
a laptop or mobile computer type mobile device,  
a camera cellular phone type mobile device,  
an intelligent appliance type mobile device,  
a voice and data communication, computation, command and control function type mobile device.

<sup>28</sup>  
~~36~~ (New) A real time personal price and information comparison based purchasing  
transaction system comprising  
a mobile device  
a central and/or a network server,

means for wire or wireless communication,

means for configuring the central server for price and other information acquirement, price comparison, information comparison and transaction functions by means of one or more specific transaction requests from the mobile device,

means for the central server to communicate with a plurality of network servers for desired information acquirement relating to products, services, pricing, price, price/information comparison and other information,

means for the central server to periodically or at the selected time or at selected time intervals communicate with one or more network servers,

means for the mobile device user to define, enable, modify and store one or more user profiles within the mobile device and/or the central server,

means for the user profiles to comprise of information related to the user such as user identification, language, value expectations, value propositions, transaction preferences, transaction instructions, product preferences, service preferences, attribute preferences and other information including,

means for enabling the user profiles for mobile commerce by utilizing the processing and storage capabilities of the mobile device acting in a standalone manner, or

means for enabling the user profiles for mobile commerce by utilizing the processing and storage capabilities of the central server in conjunction with the processing and storage capabilities of the mobile device.

<sup>29</sup>  
27. (New) A real time personal price and information comparison based purchasing transaction system of claim <sup>28</sup>36 comprising

means for price and information comparison utilizing the processing, lookup tables, databases and storage capabilities of the mobile device by itself, or

means for price and information comparison utilizing the processing, lookup tables, databases and storage capabilities of the central server in conjunction with the mobile device,

means for the mobile device user to define flags associated with one or more specific transaction requests based on price, price comparison, information and information comparison,

means for the flags to be activated based on one or more conditions such as at a selected price point, price differential, set time and other user defined conditions,

means for utilizing the flag condition for notification and execution of a transaction,

means for enabling personal purchasing transactions.

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~~38~~. (New) A real time personal price and information comparison based purchasing transaction system of claim ~~26~~<sup>28</sup> comprising

means for enabling one or more user defined matching routines and lookup tables to be established at the central server, at the mobile device or a combination of the central server and the mobile device,

means for matching one or more selected information and transaction requests of the mobile device user in conjunction with the preset flag conditions and the user profiles,

means for determining a match that is relevant to the mobile device user, wherein the mobile device, the central server or a combination of the mobile device and the central server process and compare the user defined transaction requests with the specific information acquired by utilizing matching routines, lookup tables and user profiles that are specific to the mobile device user,

means for notifying the mobile device user of a flag triggering event or a match occurrence by communication from the central server including means for providing information, for requesting an action or for notifying of an action,

means for the notification of the flag condition by the central server to the mobile device,

means for the notification of the flag condition by the mobile device to the central server,

means for notification and action at the selected time and in the selected sequence,

means for execution of the desired transactions by the mobile device acting by itself and/or in conjunction with other mobile devices,

means for one or more mobile devices to execute the selected transactions operating individually or cooperatively in conjunction with the central server.

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~~39~~. (New) A real time personal price and information comparison based purchasing transaction system of claim ~~36~~<sup>28</sup> comprising

means for the definition and construction by the mobile device user, of a table including a plurality of comparison parameters,

means for the comparison parameters to include various information including, product attributes, service attributes, photos, images, audio, video, specifications, pricing, preferred vendors, preferred service personnel, shipping/delivery methods and other parameters;

means for the mobile device, the central server or a combination of the mobile device and the central server to acquire the comparison parameter information from one or more other mobile devices, network servers or a combination of mobile devices and network servers,  
means for further processing the comparison parameter information within the mobile device itself within the central server or a combination of the mobile device and the central server,  
means for comparison of the information in real time or at the desired time by the mobile device user,  
means for utilizing one or more of the comparison parameters and comparison information for the selected action, at the selected time and at the selected location.

<sup>32</sup>  
40. (New) A real time personal price and information comparison based purchasing transaction system of claim <sup>28</sup>~~30~~ comprising  
means for associating the comparison parameters and other information with one or more transaction profiles of the mobile device user,  
means for enabling the mobile device user to establish, store, modify, update and delete one or more profiles including a user profile, vendor profile, product profile, service profile, profiles of other individuals and profiles entities,  
means for the profiles to contain information that includes voice, audio, sound, video, photo, image, text, data and other information,  
means for relating the user profiles and transaction profiles of the mobile device user, with the profiles of one or more vendors, service personnel, individuals and other entities that are party to the actual or intended transaction,  
means for searching for and selecting the desired profiles and the desired information contained within the mobile device, the central server and the network servers,  
means for matching the search results by means of the user defined matching routines for relevancy to the mobile device user based on user profiles and transaction profiles,  
means for executing the selected matched or unmatched transaction by selecting the desired user profile, transaction profile, vendor profile and other profiles,  
means for processing and executing the transaction request utilizing the processing power, storage and lookup tables contained within the mobile device wherein the mobile device acts in a standalone manner, including

means for processing and executing the transaction request utilizing the processing power, storage and lookup tables contained within the central server acting by itself or in combination with the processing power, storage and lookup tables of the mobile device.

<sup>33</sup>  
~~41~~. (New) A real time personal price and information comparison based purchasing transaction system of claim ~~36~~<sup>28</sup> comprising  
means for maintaining user profiles, transaction profiles and other profiles on the mobile device, on the central server or a combination of the mobile device and the central server,  
means for the full profiles or a subset of the profiles to be resident or accessible by the network servers with permission levels selected by the user,  
means for protecting the privacy of the user and user profiles by user defined permission levels permitting only the selected information to be viewed or accessed by the network servers on a one time basis, for a selected duration or for a selected transaction,  
means for the central server to serve as a secure transaction intermediary wherein the central server communicates with the network servers by providing the selected user profile for the specific transaction enabling the selected mobile device user's privacy,  
means for executing the desired transactions directly by the mobile device acting by itself, the central server acting by itself or by a combination of the central server and the mobile device.

<sup>34</sup>  
~~42~~. (New) A real time personal purchasing transaction system comprising  
a mobile device,  
a local, central and/or network server,  
means for wired or wireless communication;  
means for the user to define one or more transaction search parameters for acquiring information relating to products, services and other information,  
means for the mobile device user to define and store the transaction search algorithms on the mobile device itself, on a central, a network server or a combination thereof,  
means for setting up a customized search engine function at one or more locations including the mobile device, a central server and a network server,  
means for one or more personalized search algorithms to form the customized search engine function, means for providing the information that is of relevance to the mobile device user in conjunction with the selected user profile and the customized search engine function,

means for initiating the transaction search function, utilizing the selected user profile and the selected transaction search algorithms by means of the mobile device acting by itself and/or in conjunction with a central server and a network server,

means for enabling the search engine function for personalized transaction search by utilizing the processing power of the mobile device by itself, the central server, the network server or a combination thereof,

means for ranking the transaction search results in the selected rank order for user defined relevance and utility,

means for executing the selected transaction based on the selected transaction search results by means of the mobile device acting by itself, by the central server, the network server or a combination thereof.

<sup>35</sup>  
43. (New) A real time personal purchasing transaction system of claim <sup>34</sup>42 comprising means for enabling the search for a product, service and information based on information including photo, image, graphics, video, audio, sound and other information wherein the mobile device by acting by itself and/or acting in conjunction with a central server, a network servers or a combination thereof acquires the photo, image, graphics, video, audio, sound, product identification and object identification and other information,  
means for the transaction search algorithms, match routines and the comparisons to be enabled based on the visual, audio, data and other information relating to the product, service and other factors,  
means for utilizing the search, match and other information for personal purchasing transactions by means of the mobile device.

<sup>36</sup>  
44. (New) A real time personal purchasing transaction system of claim <sup>34</sup>42 comprising means for acquiring visual, audio and other information by the first mobile device user related to a purchasing transaction,  
means for sharing the selected visual, audio and other information by the first mobile device user with a second mobile device user or a plurality of other mobile device users,  
means for the first mobile device user to provide textual and voice comments, audio, video, data and other information relating to the first transaction,

means for comparison and decision making in real time or at the selected time, relating to an actual/intended transaction by the first mobile device user, the selected second mobile device user or a combination of a plurality of other mobile device users,

means for enabling one or more mobile device users to collaborate by using the software and processing power resident on one or more of the mobile devices acting by themselves or in combination including operation in conjunction with the processing power of a central server and/or a network server.

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~~45~~. (New) A real time personal purchasing transaction system of claim ~~42~~ 34 comprising a transaction network consisting of one or more mobile devices and one or more servers including a central server and a plurality of network servers;

means for acquiring the photo, image and video of products, objects, animals and other animate and in animate things,

means for associating one or more additional descriptions with the acquired photo, image and video such as audio, video, graphics, text sound, speech in one or more languages and other descriptive forms for providing collateral information,

means for using the photo, image and video as a primary or secondary means for communications in conjunction with voice for enabling transactions in conjunction with the associated collateral information,

means for the execution of the intended transactions by one or more mobile device users acting in a standalone manner and/or in conjunction with a central, a network server or a combination of servers;

means for mobile commerce transactions utilizing images and video information in a standalone manner or in combination with other forms of information including audio and speech in one or more languages.

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~~46~~. (New) A real time personal purchasing transaction system comprising a mobile device,

a local, central and/or network server,

means for wired or wireless communication,

means for enabling transaction search for one or more transaction parameters,

means for enabling user profiles, match routines and lookup tables for a transaction parameter,



means for the transaction search results to be ranked in order of selected personal relevance to the mobile device user,

means for the mobile device user to define flags associated with one or more specific transaction search requests and transaction search results,

means for enabling one or more user defined search algorithms, matching routines, lookup tables and flag conditions on the mobile device, the central server and the network server,

means for matching one or more desired transaction requests with the transaction search results in conjunction with the desired flag conditions and selected user profiles,

means for determining the best match for a desired transaction parameter from the transaction search results, by utilizing the processing power of the mobile device acting by itself and/or acting in conjunction with a central server and a network server.

<sup>39</sup>  
~~47~~. (New) A real time personal purchasing transaction system of claim <sup>38</sup>~~46~~ comprising  
means for customizing the transaction search and match functions for ease and enhanced utility,  
means for enabling the customized transaction search function with numerical inputs, alpha  
numerical inputs, word/text short forms or other means wherein each input defines a desired code  
equivalent for a product, service, information or a transaction action,  
means for matching the transaction search results with the user defined matching routines and user  
profiles for utility in mobile commerce.

<sup>40</sup>  
~~48~~. (New) A real time personal purchasing transaction system of claim <sup>38</sup>~~46~~ comprising  
software and protocols for enabling the customized transaction search function,  
software and protocols for enabling the personalized matching routines,  
means for the software and protocols to be resident on the mobile device , the central server, the  
network server or a combination of the mobile device and the servers,  
means for the mobile device user to securely track an individual transaction and the transaction  
history by means of the software and protocols,  
means for dynamically tracking the transaction search results for relevance to the mobile device  
user,  
means for tracking and matching of the transaction search results with the selected match routines  
and user profiles,

means for programming the mobile device and/or the servers to automatically learn the mobile device user's behavior and dynamically modify the mobile device user's transaction search and match routine preferences by means of the software, protocols and processing power resident within the mobile device and the servers,

means for dynamically enabling the learned and updated search preferences, match preferences, and user profiles for the selected mobile commerce transaction.

<sup>41</sup>  
~~49~~. (New) A real time personal purchasing transaction system of claim ~~46~~<sup>38</sup> comprising  
means for enabling the user to configure a personalized list for products and services,  
means for associating a numerical code, alpha numeric codes or other codes for a designated product, service, vendor and other information for ease of input,  
means for associating a code with a desired transaction action,  
means for the user to define and establish lookup tables wherein each product, service, vendor, other information and the transaction action are enabled for efficient search and/or execution by code means wherein the codes are resident within the mobile device, the central server, the network server or a combination of the mobile device and the servers,  
means for executing the selected transaction action by choosing the desired codes by means of the mobile device acting by itself and/or acting in conjunction with the central server and the network server.

<sup>42</sup>  
~~50~~. (New) A real time personal information, price comparison and value proposition based purchasing transaction system comprising  
a mobile device enabled with built-in communication and compute capabilities,  
means for voice and data communication,  
means for communication with one or more other mobile devices, stationary devices, local server, central server and network servers,  
a local, central and a network server;  
means for wired or wireless communication;  
means for acquiring pricing and other information from the first local server, central server, network server or a combination of servers relating to a first product/service,  
means for acquiring pricing and other information from the second local, central and or network server relating to a first product/service,

means for acquiring pricing and other information from a plurality of other local, central and or network servers, relating to a first product/service;

means for comparison of the pricing and other information provided by the first server and the second server or a plurality of other servers, wherein the comparison relates to the first product/service,

means for computation of the price differential and information differential by the mobile device for comparison and other purposes,

means for the communication, computation, comparison, storage and retrieval of the information relating to pricing and other information of one or more products, services, collateral information and transactions by using the processing power of the mobile device in a standalone manner or by using the processing power of the local, central and network server in conjunction with the mobile device,

means for utilizing the price and information comparison data for real time mobile commerce transactions in a standalone manner or in conjunction with user profiles and user defined value propositions.

<sup>43</sup>  
51. (New) A real time personal information, price comparison and value proposition based purchasing transaction system of claim <sup>42</sup>50 comprising

means for the information comparison and price comparison to include text and voice in one or more languages, data, sound, audio, video, photo, image, graphics and other types of information in one or more formats,

means for the mobile device to compute and provide data relating to information comparison and price comparison utilizing the processing power of the mobile device by itself in a standalone manner or utilizing the processing power of the central server in combination with the mobile device,

means for making the selection of the product/service by the mobile device user with reference to the selected information comparison and price comparison data provided by the first server, the second server or other servers in conjunction with user defined value propositions and user profiles,

means for initiating and enabling the transaction by the mobile device user with the selected first server, the second server or a plurality of other servers based on user defined value propositions and user profiles,

means for executing the selected transaction by using the processing power of the mobile device by itself and/or in conjunction with the processing power of the selected local, central and network server in a selected manner and at the selected time.

<sup>44</sup>  
52. (New) A real time personal information, price comparison and value proposition based purchasing transaction system of claim <sup>42</sup>50 comprising  
means for real time sharing of information and price comparison data relating to a product/service between a plurality of mobile devices,  
means for collaboration between one or more mobile devices relating to a purchasing transaction,  
means for comparison of information and comparison of price utilizing the user profiles and value propositions of one or more mobile devices,  
means for collaborative execution of purchasing transactions in real time from the selected vendor and at the selected location.

<sup>45</sup>  
53. (New) A real time personal information, price comparison and value proposition based purchasing transaction system of claim <sup>42</sup>50 comprising  
means for enabling a price comparison engine, a product/service attribute comparison engine and a transaction engine,  
means for enabling the price comparison, attribute comparison and the transaction engine to efficiently process the information by means of the processing power and software resident on the mobile device itself, or  
means for enabling the price comparison, attribute comparison and the transaction engine to efficiently process the information by means of the processing power and software resident on the the local, central and network servers working individually or in combination of the servers including working in conjunction with the mobile device,  
means for informed decision making by the mobile device user for intelligent comparison of one or more parameters,  
means for optimizing the purchasing and transaction decision in conformance with the user profile and user defined value propositions,  
means for real time personalized mobile commerce.

<sup>46</sup>  
54. (New) A real time personal purchasing transaction system of claim <sup>42</sup>50 comprising

one or more types of input and output methods including  
means for voice input and voice output in one or more languages,  
means for text input and output in one or more languages,  
means for digitizing and synthesis of the text and voice,  
means for conversion of text to speech and speech to text,  
means for conversion of text and/or speech in one language to text and/or speech in another  
language by utilizing the processing power of the mobile device acting by itself or in conjunction  
with the processing power of the local, central and/or network server,  
means for enabling the desired transaction in the desired language by audible speech means, text  
means or a combination of text and speech means.

<sup>47</sup>  
~~55~~. (New) A real time personal purchasing transaction system of claim <sup>42</sup>~~50~~ comprising  
means for information acquirement relating to a first transaction of a product/service by the first  
mobile device inclusive of one or more methods such as text, voice, data, audio, sound, language,  
video, image, photo and other methods;  
means for information acquirement relating to a first transaction of a product/service by the  
second mobile device inclusive of one or more methods such as text, voice, data, audio, sound,  
language, video, image, photo and other methods;  
means for the exchange of information and comparison of the information relating to the first  
transaction by wired or wireless communication between the first mobile device and the second  
mobile device directly or in conjunction with one or more local, central and network servers,  
means for maintaining the transaction and user profiles of the first mobile device on the second  
mobile device,  
means for maintaining the transaction and user profiles of the second mobile device on the first  
mobile device,  
means for maintaining transaction and user profiles of one or more mobile devices on a local,  
central and/or network server,  
means for collaboration and execution of the transaction by one or more mobile device users  
acting individually or jointly with or without the use of transaction and user profiles.